LABEL REPLACEMENT FOR NM4 AND NM2C DATASCAN RESET AND LOG DATA KEYS

INSTALLATION PROCEDURE

NOTE:

This procedure applies to Narkomed 4 machines with software version 1.23 and later (with software versions 1.23 and 1.24, only the sections detailing the AUTOSET label installation apply). This procedure also applies to Narkomed 2C machines with software version 1.10 and later.

This procedure provides instructions for installing AUTOSET labels over existing Datascan Reset keys, and VENT ALARMS OFF labels over the existing Log Data keys.

Steps 1 thru 4 apply to Narkomed 4 machines with software version 1.23 and later, and to Narkomed 2C machines with software version 1.10 and later.

1. Locate the DATASCAN RESET key on the remote display. On Narkomed 4 machines locate this key also on the touch screen control key panel. See Figure 1.

NOTE:

In order to properly secure the new label(s) to the key(s), the surface of the key(s) must be carefully sanded. Use 120 grit sandpaper or similar grit emery board.

2. Mask off the area surrounding the DATASCAN RESET key(s) with tape.

3. Gently sand the surface of the key(s) until the lettering disappears. At this point the surface should be coarse with a chalky residue. Wipe the residue from the key(s) and examine the surface.

   If necessary, continue sanding until the surface is uniformly coarse. Wipe all residue from the surface of the key(s).

4. Remove the protective backing from the AUTOSET label(s) part number 4112746-003; carefully center the label(s) over the key(s) and press the label(s) into place. Wipe the surface of the new label(s) clean and verify that each is secure.

INSTALLATION PROCEDURE (continued)

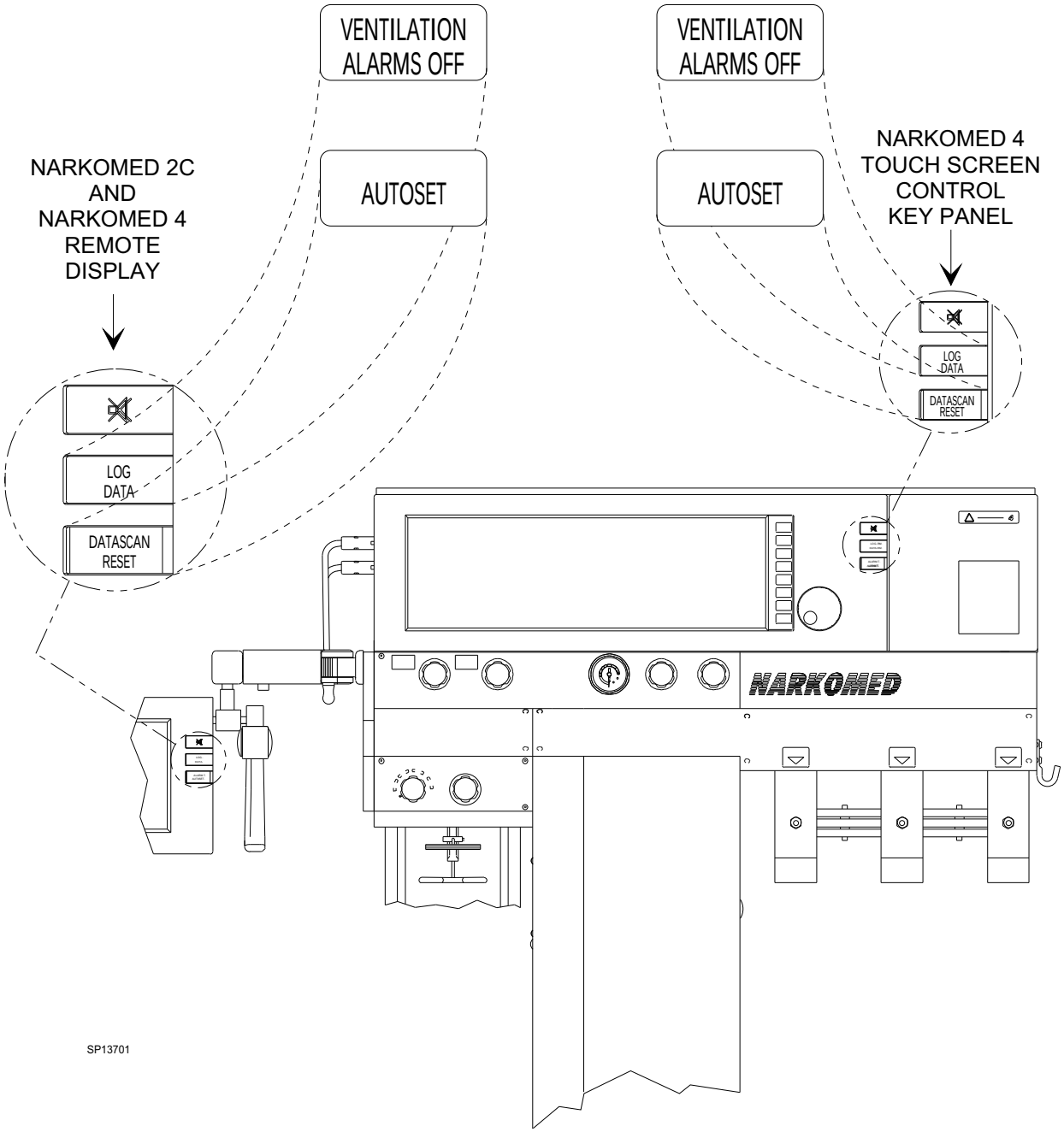

Figure 1: LOCATIONS OF AUTOSET AND VENT ALARMS OFF KEYS

INSTALLATION PROCEDURE (continued)

5. Power up the machine and verify that on Narkomed 4 machines the software version number 1.23 or later appears on the Power-up Diagnostics Screen. On Narkomed 2C machines, verify that software version number 1.10 or later appears on the Power-up Diagnostics Screen.

6. Verify the function of each AUTOSET key by depressing the key(s). An audible ping shall be heard. The actual function of each key is dependent on the configuration of the remote display in the System Configuration screen.

   If the display is configured for bar graph datascan, each key press will reset the baseline for the datascan bar graphs.

   If the display is configured for numeric datascan, each key press adjusts the alarm limits of the numeric datascan parameters. The alarm limits shall reset to wide or narrow setting depending on how each alarm parameter is configured in the System Configuration screen.

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Steps 7 thru 11 apply to Narkomed 4 machines with software version 1.25 and later, and to Narkomed 2C machines with software version 1.10 and later.

In the case of Narkomed 4 machines, the second key on the remote display and the touch screen control key panel can be configured in the Service Screen to either retain the original Log Data function (in which no key change is required), or the key can be configured to the new Vent Alarms Off function. Please verify with the clinicians at the hospital site which function is preferred before installing the VENT ALARMS OFF label.

7. Locate the LOG DATA key on the remote display. On Narkomed 4 machines locate this key also on the touch screen control key panel. See Figure 1.

NOTE:
In order to properly secure the new label(s) to the key(s), the surface of the key(s) must be carefully sanded. Use 120 grit sandpaper or similar grit emery board.

8. Mask off the area surrounding the LOG DATA key(s) with tape. Gently sand the surface of the key(s) until the lettering disappears. At this point the surface should be coarse with a chalky residue. Wipe the residue from the key(s) and examine the surface.

   If necessary, continue sanding until the surface is uniformly coarse. Wipe all residue from the surface of the key(s).

INSTALLATION PROCEDURE (continued)

9. Remove the protective backing from the VENT ALARMS OFF label(s) part number 4112746-004; carefully center the label(s) over the key(s) and press the label(s) into place. Wipe the surface of the new label(s) clean and verify that each is secure.

10. Power up the machine and verify that on Narkomed 4 machines the software version number 1.25 or later appears on the Power-up Diagnostics Screen. On Narkomed 2C machines, verify that software version number 1.10 or later appears on the Power-up Diagnostics Screen.

NOTE:

At this time, configure Narkomed 4 machines second keys to the Vent Alarms Off function in the Service Screen.

11. Turn on the machine ventilator and verify that the apnea pressure and apnea volume alarms switch to an ON condition. Turn the ventilator switch to OFF. Verify the function of the VENT ALARMS OFF key(s) by pressing the key(s). An audible ping shall be heard, and the apnea pressure and volume alarms shall change from an ON to an OFF condition.

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